Contact: Richard M. Myers

Unpublished (1995)

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JOURNAL
COMMENT
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                                                                                                                                                                                                                     Matoba.R., Okubo.K., Hori,N., Fukushima,A. and Matsubara,K.
The addition of 5'-coding information to a 3'-directed cDNA library
improves analysis of gene expression
Gene 146 (2), 199-207 (1994)
                                                                                                                                                                                                                                                                                                                                          Direct Submission
Submitted (21-JUL-1993) to the DDBJ/EMBL/GenBank databases. Ryo
Matoba, Osaka University, Institute for Molecular and Cellular Bio;
1-3, Yamada-oka, Suita7—Osaka 565, Japan
(E-mail:matoba@inherit.imcb.osaka-u.ac.;p,
Tel:81-6-877-5111(ex.314), Fax:81-6-877-1922)
Submitted (21-Jul-1993) to DDBJ by:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata; Vertebratu; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates; Catarrhini; Hominidae; Homo.
                                                                                                   gene signature.
Homo sapiens Male cell_line:HepG2 cDNA to mRNA, clone_llb:Kiseru.
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Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Molecular Microbiology and Genetics Lab.
Research Institute of Innovative Technology for the Earth 9-2
Kizugawadai Kizu-cyo,
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Pred. No. 1.35e-28;
0; Mismatches 11; Indels
                                  HUMD4H12M3 98 bp mRNA PRI
Human Hep62 3' region Mbol cDNA, clone hmd4h12m3.
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/db_xref="taxon:9606"
/cell_line="HepG2"
/clone_lib="Kiseru"
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Best Local Similarity 87.6%;
Matches 78; Conservative
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Phone: 07
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g598848
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Plasmid clones, generated from a lymphoblastoid cell line from a human male. Localized to human chromosome 2 by analysis on the NIGMS Human/Rodent Somatic Cell Hybrid Panel #1, Coriell Institue for Medical Research, Camden, NJ 08103.
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Cloning vector pSVSportl beta-lactamase gene, complete cds.
U14626
                                                                                                                                                                                                          seconds
                                                                                                                                                        Initial incubation: 94 degrees C for 90 seconds
Stanford Human Genome Center (SHGC)
Stanford University School of Medicine
Department of Genetics, M-344, Stanford, CA 94305, USA
Tel: 4157259689
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62 degrees C for 23 sc
72 degrees C for 30 sc
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Perkin Elmer 9600
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Pred. No. 4.07e-22;
0; Mismatches 8;
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each 200 uM
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Cloning vector pSVSport1
artificial sequence; cloning vectors.
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/organism="Homo sapiens"
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Life Technologies, Inc. Catalogue
Unpublished (1994)
                                                                       Email: myers@shgc.stanford.edu
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complement(219. .241)
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Best Local Similarity 88.2%;
Matches 67; Conservative
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Unpublished (1995)

JOURNAL

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Matoba,R., Okubo,K., Hori,N., Fukushima,A. and Matsubara,K.
The addition of 5'-coding information to a 3'-directed cDNA library
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Matoba, Osaka University, Institute for Molecular and Cellular Bio;
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(E-mail:matoba@inherit.imcb.osaka-u.ac.jp,
Tel:81-6-877-5111(ex.3314), Fax:81-6-877-1922)
Submitted (21-Jul-1993) to DDBJ by:
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Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygil; Choanata;
Ferrapoda; Anniota; Mammalia; Theria; Eutheria; Archonta; Primates;
Catarrhini; Hominidae; Homo.
1 (bases I to 398)
                                                                                           gene signature.
Homo sapiens Male cell_line:HepG2 cDNA to mRNA, clone_lib:Kiseru.
Homo sapiens
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Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Research Institute of Innovative Technology for the Earth 9-2
Kizugawadai Kizu-cyo,
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Pred. No. 1.35e-28;
0; Mismatches 11; Indels
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STS sequence; primer; sequence tagged site.
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/db_xref="taxon:9606"
/cell_line="HepG2"
/clone_lib="Kiseru"
/sex="Male"
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human STS SHGC-2867 clone pG-564.
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Matches 78; Conservative
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Phone:
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Plasmid clones, generated from a lymphoblastoid cell line from a human male. Localized to human chromosome 2 by analysis on the NIGMS Human/Rodent Somatic Cell Hybrid Panel #1, Coriell Institue for Medical Research, Camden, NJ 08103.
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Cloning vector pSVSportl beta-lactamase gene, complete cds.
U14626
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                                                                                                                                                                                  Initial incubation: 94 degrees C for 90 seconds
Contact: Richard M. Myers
Stanford Human Genome Center (SHGC)
Stanford University School of Medicine
Department of Genetics, M-344, Stanford, CA 94305, USA
Fax: 4157259689
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Pred. No. 4.07e-22;
0; Mismatches 8; Indels
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62 degrees C for 23 s
72 degrees C for 30 s
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each 1 uM
each 200 uM
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Cloning vector pSVSportl
artificial sequence; cloning vectors.
                                                                                                                      Primer A: CTTCTGGCAGGCATTTTCCAATC
Primer B: CAGGGGTACTTTATCCTTAGCTC
STS size: 132
PCR Profile:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (sites)
D'Alessio,J.M.
Life Technologies, Inc. Catalogue
Unpublished (1994)
                                                                                        Email: myers@shgc.stanford.edu
                                                                                                                                                                                                                                                                                                                                                                                                                       절절절
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8.3
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                                                                                                                                                                                                                                   Annealing:
Polymerization:
                                                                                                                                                                                                                                                              PCR Cycles:
Thermal Cycler:
                                                                                                                                                                                                                                                                                                                                                          Taq Polymerase:
Total Vol:
                                                                                                                                                                                                                     Denaturation:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 88.2%;
Matches 67; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        110. .241
110. .132
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                                                                                                                                                                                                                                                                                                             emplate:
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                                                                                                                                                                                                                                                                                                                             rimer:
                                                                                                                                                                                                                                                                                                                                                                                                                    MgC12:
                                                                                                                                                                                                                                                                                                                                          dNTPs:
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                                                                                                                                                                                                                                                                                              Protocol
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ACCESSION
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SOURCE
ORGANISM
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AUTHORS
TITLE
JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SIS
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Release 3.1A John F. Collins, Biocomputing Research Unit. Copyright (c) 1993-1998 University of Edinburgh, U.K. Distribution rights by Oxford Molecular Ltd

n.a. - n.a. database search, using Smith-Waterman algorithm MPsrch_nn

Wed Sep 2 01:52:25 1998; MasPar time 54.90 Seconds 1033.601 Million cell updates/sec ou:

lar output not generated.

1 ATGGCACAGCAGCAGCGGT......ACAACGTCCTGACTGGGAAA 1006 TACCGTGTCGTGCCCCGCTA......TGTTGCAGGACTGACCCTTT >US-08-911-423-3 (1-1006) from US08911423.seq 1006 Title:
Description:
Perfect Score:
N.A. Sequence:
Comp:

TABLE default Gap 6 Scoring table:

108126 segs, 28203311 bases x 2 Searched:

Dbase 0; Query 0

Nmatch STD:

Post-processing: Minimum Match 0% Listing first 45 summaries

n-issued 1:5_COMB 2:PCT9_COMB 3:backfiles1 Database:

Mean 8.511; Variance 5.142; scale 1.655 Statistics: Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Pred. No.	3.14e-38	7.60e-15	1.07e-10	1.07e-10	4.10e-10	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	1.55e-09	5.81e-09	
1	Applicatio	, Applicati	Applicatio	, Applicati	, Applicati	, Applicati	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	Applicatio	, Applicati	
ion	ř	14	'n	14	73	32	ť	'n	é,	ï	1,	1,	'n	ı,	'n	'n	4	7,	'n	10	
Description	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	
ET.	US-08-383-	US-08-232-	US-08-238-	US-08-232-	PCT-US95-1	US-08-254-	- US-08-201-	US-08-507-	US-07-924-	US-08-204-	PCT-US95-0	US-08-445-	US-08-343-	US-08-119-	US-08-204-	PCT-US95-0	US-07-924-	PCT-US96-0	PCT-US96-0	PCT-US93-0	
BB	H	М	~		7		-1	Н	Н	Н	7	Н	Н	н	-	7	-	7	~	7	
Query Match Length DB	1581	7218	215	7218	52	206	1619	1754	3681	4164	4164	4283	4283	4539	4933	4933	5314	14311	14311	432	
Query Match	8.4	4.8	4.1	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8	
Score	85	48	41	41	40	39	39	39	39	39	39	39	39	39	39	39	39	39	39	38	
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NAME: Elizabeth Lassen REGISTRATION NUMBER: 31,845

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Sequence	Sednence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Patent No	Patent No.	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence									
US-08-286-	PCT-US93-0	US-08-478-	US-08-064-	US-08-318-	US-08-064-	US-08-478-	US-08-104-	US-08-351-	US-08-318-	US-08-104-	US-08-351-	US-01-590-	PCT-US92-0	-060-80-SD	PCT-US92-0	US-08-021-	5182210-19	5182210-17	PCT-US94-0	PCT-US94-0	PCT-US94-0	PCT-US94-0	US-08-798-	PCI-US93-0
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910	4403	4883	4883	4883	5399	5399	5620	5620	5642	6376	6555	7652	623	623	623	6714	363	591	773	779	953	953	1541	2363
e .	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
38	38	38	38	38	38	38	38	38	38	38	38	38	37	37	37	37	35	35	35	35	35	35	35	35
21	7.7	23	24	25	56	27	28	59	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
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ALIGNMENTS

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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                         Length 1581;
                                                                                                                                                                                                                                                                                                                                                                                                 1; Indels
                                                                                                                                                                                                                                                                                         MOLECULE TYPE: CDNA to MRNA
SEQUENCE 1581 BP; 418 A; 356 C; 410 G; 397 T; 0 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIF: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURREMY APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: SCHEIFLINGER, F.
TITLE OF INVENTION: FECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                       Score 85; DB 1; Le
Pred. No. 3.14e-38;
0; Mismatches 1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30472/114 IMMU
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US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SSEE: Foley & Lardner
F: 1800 Diagonal Road, Suite 500
Alexandria
NAME: Donna E. Scherer
REGISTRATION NUMBER: 34,719
NAME: Carl J. Schwedler
REGISTRATION NUMBER: 36,924
REFERENCE/DOCKET NUMBER: CGNE 111
TELECOMUNICATION INFORMATION:
TELEPHONE: (916) 753-6313
TELEFAX: (916) 753-1510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1581 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: APPLICATION NUMBER: EP 91 114 300.6
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1555 ATAGTGTCACCTAAATTCAATTCACTG 1581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              949 ATAGTGTCACCTAAATTCAATTCACTG 975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/08232463 Sequence 14, Application US/08232463 Patent No. 5670367 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INCOMMATION:
NAME: BENT: Stephen A.
REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 30
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
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                                                                                                                                                                                                                                                                                                                                                         y Match 8.4%;
Local Similarity 98.9%;
hes 86; Conservative
                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                            TOPOLOGY:
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APPLICANT: BENNETT, Alan
APPLICANT: LABAVITCH, John M.
APPLICANT: LABAVITCH, John M.
APPLICANT: POWELL, Ann
APPLICANT: STOTZ, Henrik
TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEA
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                           201 TICCGAGIGGGACIGCAIGTGTCCACCGGAAATCCACIGCGGAGACCCTIGCIGCAC 260
                                                                                                                                                                                                                                                                                                                                                                                                                      261 GACCIGCCGGCACCCTITGTCCCCCAGGGGGGTACAGTCCCAGGGGAAATICAG 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            321 TTTTGGCTTCCAGTGTATCGACTGTGCCTCCGGGGACCTTCTCCGGGGGCCACGAGGCCA 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        381 CIGCAAACCTIGGACAGACTGCACCCAGTTCGGGTTTCTCACTGTGTTCCCTGGGAACAA 440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         441 GACCCACAAACGCTGTGTGCGCTCCCAGGGTCCCCGCCGCGCAGAGCCGCTTGGGTGGCTGAC 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          501 CGTCGTCCTGGCCGTGGCCGCCTGCGTCCTCCTCTGACCTCGGCCCAGCTTGGACT 560
                                                                                                                                                                                                                                             Gaps
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                                                                                      IMMEDIATE SOURCE:
CLONE: pTZgpt-F1s
SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
                                                                                                                                                                                       Query Match 4.8%; Score 48; DB 1; Length 7218; Best Local Similarity 5.7%; Pred. No. 7.60e-15; Matches 21; Conservative 187; Mismatches 160; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/238,163 FILING DATE: 03-MAY-1994 CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    T 3
US-08-238-163-5 STANDARD; DNA; UNC; 215
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/08238163
Sequence 5, Application US/08238163
Patent No. 5569830
7218 base pairs
                    nucleic acid
EDNESS: single
                                                                    linear
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                                        STRANDEDNESS:
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561 GCACATCT 568
                                                                    TOPOLOGY:
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LENGTH:
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FILING DATE:
APPLICATION NUMBER: EP 91
FILING DATE: 26-AUG-1991
ATORNEX/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,76
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                    IMMEDIATE SOURCE:
                                                                                                                                                                                                                                       Best Local Similarity
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                                                                                                                                                                           TOPOLOGY:
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ID PC
AC XX
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                                                                                                                                                                                                                                                                                                                                120 YGSSKTAMTSRNRTGKTANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVGSKNNGDRNN 179
                                                                                                                                                                                                                                                                                                                                                                         1 MINVIMSSSSVVSRTASCNDKAKKDGNITSSWTIDCCNRIWGVCDIDITYRVNNDSGHNK 60
                                                                                                                                                                                                                                                     1; Gaps
                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 1..215
OTHER INFORMATION: /Standard_name= "Deduced amino acid
OTHER INFORMATION: sequence of PGIP from bean."
SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
                                                                                                                                                                                                                             Score 41; DB 1; Length 215;
Pred. No. 1.07e-10;
90; Mismatches 99; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            7T 4
US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP
                                                                                                                                                                                                                                                                                                                                                                                                       180 RYGTGTKSNVSNNCGGGNKRDVSSYANNKCCGSSC 214
                                                                                                                                                                                                                                                                                                                                                                                                                            712 GACCIGIGGGIGIGAGCCIGGCCGICCICCGGGGC 746
ATTORNEY/AGENT INFORMATION:
NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 2307E-540
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFRA: (415) 543-5043
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 215 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1800 Diagonal Road, Suite 500 CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Foley & Lardner
                                                                                                                                                                                                                             Query Match 4.1%;
Best Local Similarity 11.6%;
Matches 25; Conservative
                                                                                                                   STRANDEDNESS: single
                                                                                                                              TOPOLOGY: unknown
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
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                                                                                                                                                      FEATURE
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Gaps
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APPLICANT: Wands, Jack R.
TITLE OF INVENTION: Neural Thread Protein Gene Expression and
TITLE OF INVENTION: Detection of Alzheimer's Disease
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
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                                                                                                                                                                                                                                                                                                                                                                          CLONE: pTZgpt-F1s
SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                       4.1%; Score 41; DB 1; Length 7218; 0.0%; Pred. No. 1.07e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUNKESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C. STREET: 1100 New York Avenue, Suite 600 STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Conservative 100; Mismatches 59; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/17111A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECHANICATION INFORMATION:
TELEPHONE: (703)834-9300
TELETAX: (703)834-9300
TELEXX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDENNES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  607 GGGTCTCTCGGGGCCACATGCACTGACTCCTCAGCTGCC 569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 T. 5 |
PCT-US95-17111A-73 STANDARD; DNA; UNC; 52 BP.
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APPLICATION NUMBER: 08/340,426
FILING DATE: 14-NOV-1994
ATTORNEY,AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.3840002
EP 91 114 300.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 73, Application PC/TUS9517111A Sequence 73, Application PC/TUS9517111A GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
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Gaps
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUBBER: US/08/507,455
FILING DATE: 08-SEP-1995
CLASSIFICATION NUBBER: US/08/507,455
PRIOR APPLICATION NUBBER: 26-FEB-1993
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 29,009
REGISTRATION NUMBER: 29,009
REGISTRATION NUMBER: 29,009
REGISTRATION NUMBER: 29,009
REGISTRATION NUMBER: 11498-72
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHRRACTERISTICS:
FURGARY. 1619 base pairs
                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                BIFUNCTIONAL EXPRESSION SYSTEM
                                                                                                       1006 TITCCCAGICAGGACGITGIAAAAACGACGGCCAGIGAAIIG 966
                                                                                                                                                                                                                                           Sequence 1, Application US/08507455
Sequence 1, Application US/08507455
Patent No. 5655961
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION (NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR STATE: VIRGINIA
                                                                               10 TITCCCAGICACGACGIIGIAAAACGACGGCCAGIGAAIIG 50
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1
                                                                                                                                                                                                               JT 7
US-08-507-455-1 STANDARD; DNA; UNC; 1619 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Saccharomyces cerevisiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA (genomic)
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550..555
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574..579
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635..636
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546..547
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1035..1036
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1411..1412
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ZIP: 22201-4714
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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LOCATION:
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LOCATION:
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LOCATION:
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GENERAL INFORMATION:
APPLICANT: DAHLBERG, JAMES E.
APPLICANT: LYAMICHEV, VICTOR I.
APPLICANT: BROW, MARY ANN D.
TITLE OF INVENTION: 5' NUCLEASES DERIVED FROM THERMOSTABLE TITLE OF INVENTION: DNA POLYMERASE
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                2;
                                                                                                                                                                                                                                                                                                                                                                                                    1 GATCCAAGCT-ACGTACGCGTGCATGC-ACGTCATAGCTCTTCTATAGTGTCAC 52
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                                                                                                                                                                                                                                                                                         Score 40; DB 2; Length 52;
Pred. No. 4.10e-10;
0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/254,359A
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SEQUENCE 206 BP; 49 A; 48 C; 52 G; 57 T; 0 OTHER.
                                                                                                                                                                                                               TOPOLOGY: both
SEQUENCE 52 BP; 12 A; 15 C; 11 G; 14 T; 0 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: HAVERSTOCK, MEDLEN & CARROLL STREET: 220 MONTGOMERY STREET, SUITE 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .T 6
US-08-254-359A-32 STANDARD; DNA; UNC; 206 BP.
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/073,384
FILING DATE: 06-JUN-193
PRIOR APPLICATION NUMBER: US 07/986,330
FILING DATE: 07-DEC-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: CARROLL, PETER G.
REGISTRATION NUMBER: 32,837
REFERENCE/DOCKET NUMBER: FORS-01000
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           UNITED STATES OF AMERICA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 32, Application US/08254359A Sequence 32, Application US/08254359A
                        TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (415) 705-8410]
TELERAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 32: SEQUENCE CHARACTERISTICS:
  TELECOMMUNICATION INFORMATION
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                            Query Match 4.0%;
Best Local Similarity 96.3%;
Matches 52; Conservative
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CALIFORNIA
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Sequence 1, Application US/08204675
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                                                                                                                                 Length 1619;
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Z1P: 22201-414
COMPUTER REABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER. IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN DATA:
APPLICATION DATE: 08-SEP-1995
CLASSIFICATION: 435
FILING DATE: 26-FEB-1995
REJECATION NUMBER: GB 9303988.1
FILING DATE: 26-FEB-1993
ATTORNEY AGENT INFORMATION:
NAME: MITCHARD, LEONARD C
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 1498-72
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
FINICH HOS SEQ ID NO: 2:
FEGURATION FOR SEQ ID NO: 2:
FEGURATION FEGURATION FOR SEQ ID NO: 2:
FEGURATION FOR SEQ ID NO: 2:
FEGURATION FEGURATI
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Sequence 2, Application US/08507455
Patent No. 5695961
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM
                                        NAME/KEY: misc_feature
LOCATION: 692..697
SEQUENCE 1619 BP; 453 A; 334 C; 289 G; 543 T; 0 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_recomb
LOCATION: 1411..1412
SEQUENCE 1754 BP; 491 A; 365 C; 319 G; 579 T; 0 OTHER.
                                                                                                                                                                                                                                              966 CAATTCACTGGCCGTCGTTTTACAACGTCCTGACTGGGAAA 1006
                                                                                                                                                                                                                     867 CAATTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAA 907
                                                                                                                              Score 39; DB 1; L
Pred. No. 1.55e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                               T 8
US-08-507-455-2 STANDARD; DNA; UNC; 1754
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LEGETH: 1754 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                            Query Match 3.9%;
Best Local Similarity 97.6%;
Matches 40; Conservative
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1035..1036
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CORRESPONDENCE ADDRESS:
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668..673
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LOCATION:
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FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                            XXXXXX
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ID US
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Sequence 6, Application US/07924028A

Sequence 6, Application US/07924028A

CC Patent No. 2470573

C GENERAL INFORMATION:

CC GENERAL INFORMATION:

CTITLE OF INVENTION:

CTITLE OF INVENTION:

CORRESPONDENCES:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

COUNTRY:

COUNTR
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                                                                                           Gaps
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MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage COMPUTER: IBM FS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/924,028A
FILING DATE: 30-SEP-1992
CLASSTFICATION NATA:
APPLICATION NUMBER: PCT/EP91/00308
FILING DATE: 32-FEB-1991
PRIOR APPLICATION NUMBER: PCT/EP91/00308
FILING DATE: 24-FEB-1990
ATORNEY/AGENT INFORMATION:
NAME: Hanson, No. 54/05/3man D.
REGISTRATION NUMBER: 30.946
REFERENCE/DOCKT NUMBER: HUBR 1027
TELECOMMUNICATION NUMBER: HUBR 1027
TELEFAX: (212) 688-9200
TELEFAX: (212) 888-9200
TELEFAX: (212) 838-3884
INFORMATION E CHRACTERISTICS:
Length 1754;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 3681;
                                                                                           1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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SEQUENCE 3681 BP; 949 A; 917 C; 932 G; 883 T; 0 OTHER
                                                                                                                                                                              999 CAATICACIGGCCGICGITITACAACGICGIGACTGGGAAA 1039
                                                                                                                                                                                                                           966 CAATTCACTGGCCGTCGTTTTACAACGTCCTGACTGGGAAA 1006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1006 TITCCCAGTCAGGACGTTGTAAAACGACGGCCAGTGAATTG 966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        580 ITTCCCAGICACGACGITGIAAAACGACGGCCAGIGAAIIG 620
    Score 39; DB 1; L. Pred. No. 1.55e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. 1.55e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                          T 9
US-07-924-028A-6 STANDARD; DNA; UNC; 3681 BP
                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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US-08-204-675-1 STANDARD; DNA; UNC; 4164 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3681 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match 3.9%;
Best Local Similarity 97.6%;
Matches 40; Conservative
Query Match 3.9%;
Best Local Similarity 97.6%;
Matches 40; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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Sequence 1, Application US/08445265A
Sequence 1, Application US/08445265A
Patent No. 5697901
GENERAL INFORMATION:
APPLICANT: Eriksson, Elof
TITLE OF INVENTION: GENE DELIVERY BY MICRONEEDLE INJECTION
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 1 South Pinckney Street
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: paT-1
SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/445,265A
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/02520
FILING DATE: 02-MR-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1933 TITCCCAGICACGACGITGIAAAACGACGGCCAGIGAATIG 1973
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1006 TITCCCAGTCAGGACGTTGTAAAACGACGGCCAGTGAATTG 966
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Pred. No. 1.55e-09;
0; Mismatches 1:
                                                                                                                                                                                              ACTORASSILTATION:
NAME: KAGAN, SATAN A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.49245
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202.508.9100
TELETAX: 202.508.929
TELETAX: 202.508.929
TELETAX: 202.508.929
TELETAX: 202.508.929
TELETAX: 407430 BBMB UT
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4164 base pairs
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US-08-445-265A-1 STANDARD; DNA; UNC; 4283
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TELEPHONE: 608-251-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3.9%;
Local Similarity 97.6%;
nes 40; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   circular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: NO
IMMEDIATE SOURCE:
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COUNTRY: US
ZIP: 53703
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL:
ANTI-SENSE: N
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Sequence 1, Application PC/TUS9502520
GENERAL INFORMATION
TITLE OF INVENTION: In Vitro Transposition of Artificial
TITLE OF INVENTION: Transposons
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                   APPLICANT: Devine, Scott E.
APPLICANT: Bocke, Jef D.
APPLICANT: Braiterman, Lelita T.
TITLE OF INVENTION: In Vitro Transposition of Artificial
TITLE OF INVENTION: Transposons
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 4164;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Indels
                                                                                                                                                                                                                                                                                                           COUNTRY.

COUNTER: U.S.A.

ZIP: 20001

COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OFFRATIG SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/204,675

FILING DATE: 02-MAR-1994

CLASSIFICATION: 435

ATTONENY/AGENT INFORMATION:

NAME: Kagan, Sarah A.

REGISTRATION INFORMATION:

REGISTRATION INFORMATION:

TELECOMMUNICATION INFORMATION:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEGUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSE: Banner, Birch, McKie, and Beckett STREET: 1001 G Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Banner, Birch, McKie, and Beckett
STREET: 1001 G Street, N.W.
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 39; DB 1; Le
Pred. No. 1.55e-09;
0; Mismatches 1;
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PCT-US95-02520-1 STANDARD; DNA; UNC; 4164 BP
  Sequence 1, Application US/08204675
Patent No. 5677170
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 4164 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 3.9%;
Best Local Similarity 97.6%;
Litches 40; Conservative
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COUNTRY: U.S.A
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IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                             STATE: D.C. COUNTRY: U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20001
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Length 4164;

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Sequence 1, Application US/08119512
Sequence 1, Application US/08119512
Patent No. 5498531
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Jarrell, Kevin A.
TITLE OF INVENTION: INTRON MEDIATED RECOMBINANT TECHNIQUES
TITLE OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
                                                                   NAME/KEY: sig_peptide
LOCATION: 713..1049
SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.
                                                                                                                        Length 4283;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 3.9%; Score 39; DB 1; Length 4539; Best Local Similarity 97.6%; Pred. No. 1.55e-09; Matches 40; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: 1290..155
OTHER INFORMATIO: /product= "E5 exon"
SEQUENCE 4539 BP; 1246 A; 979 C; 998 G; 1316 T; 0 OTHER.
                                                                                                                                                                             4226 TITCCCAGICACGACGIIGIAAAACGACGCCCAGIGAAIIG 4266
                                                                                                                                                                                           1006 TTTCCCAGTCAGGACGTGTAAAACGACGACCAGTGAATTG 966
                                                                                                                       Score 39; DB 1; Le
Pred. No. 1.55e-09;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: 969..1259
OTHER INFORMATION: /product= "E3 exon"
                                                                                                                                                                                                                                                           US-08-119-512-1 STANDARD; DNA; UNC; 4539 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FOLDS.

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
SOFTWARE: ACTI (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/119,512
FILING DATE: 10-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION UNMBER: 4UI-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGH: 4539 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOOPOLOGY: both
MOLECULE TYPE: other nucleic acid
                                           join(713..721, 981..1253)
                                                                                                                        Query Match 3.9%;
Best Local Similarity 97.6%;
Matches 40; Conservative
     981..1253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Bosto
STATE: MA
 LOCATION:
FEATURE:
NAME/KEY:
LOCATION:
FEATURE:
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                                                                                                                                                                            Score 39; DB 1; Length 4283;
Pred. No. 1.55e-09;
0; Mismatches 1; Indels
                                                                                                                       NAME/KEY: CDS
LOCATION: join(713..721, 981..1250)
SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.
                                                                                                                                                                                                       1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/343,401A

FILING DATE: 22-NOV-1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                  4226 TITCCCAGICACGACGITGIAAAACGACGGCCAGIGAATIG 4266
                                                                                                                                                                                                                                               1006 TITCCCAGICAGGACGTIGIAAAACGACGCCAGTGAAIIG 966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 11-229-9103-9
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEPRAXION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 4283 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Swain, William F
APPLICANT: MacALin, Michael D
APPLICANT: Eriksson, Elof
APPLICANT: Andree, Christophe
TITLE OF INVENTION: Improved Wound Healing
CORRESPONDENCE ADDRESS: 4
                                                                                                                                                                                                                                                                                                 JT 13
US-08-343-401A-3 STANDARD; DNA; UNC; 4283 BP.
                                                                   TOPOLOGY: circular
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Plasmid DNA"
                                                                                                                                                                                                                                                                                                                                                   Sequence 3, Application US/08343401A Sequence 3, Application US/08343401A Patent No. 5661132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Quarles & Brady
STREET: PO Box 2113
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 4283 base pairs
                           LENGTH: 4283 base parrayer: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                             Query Match 3.9%;
Best Local Similarity 97.6%;
Matches 40; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: exon
LOCATION: 713..721
                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: pwRG1630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: exon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                    RESULT
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Sequence 2, Application US/08204675
Sequence 2, Application US/08204675
Sequence 2, Application US/08204675
Sequence 3, Application US/08204675
CENTRAL INFORMATION:
CAPPLICANT: Booke, Jef D.
CAPPLICANT: Braiterman, Lelita T.
TILLE OF INVENTION: In Vitro Transposition of Artificial TILLE OF INVENTION: In Vitro Transposition of Artificial TILLE OF INVENTION: Transposons
NUMBER OF SEQUENCES: 7
CORRESPONDENCES: Application of Artificial TILLE OF INVENTION: Transposons
NUMBER OF SEQUENCES: 7
CORRESPONDENCES: Application of Artificial TILLE OF INVENTION: Transposons
COUNTRY: US.A.
COUNTRY: US.A.
COUNTRY: US.A.
CALLE 2001
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SEQUENCE 4933 BP; 1431 A; 1031 C; 1157 G; 1314 T; 0 OTHER.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                   COUPTER ENDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Bum PC compatible
OPERATING SYSTEM: PC-ODS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/204,675
FILING DATE: 02-MAR-1994
CLASSIFICATION NUMBER: 32,141
REGISTRATION NUMBER: 32,141
REFERENCE/POCKET UNBER: 32,141
REFERENCE/POCKET UNBER: 32,141
REFERENCE/POCKET UNBER: 32,29
TELEFAX: 202.508.9100
TELEFAX: 202.508.9100
TELEFAX: 202.508.9100
TELEFAX: 202.508.929
TELER: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 4933 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
Score 39; DB 1; Lo
Pred. No. 1.55e-09;
0; Mismatches 1
                                                                           LT 15
US-08-204-675-2 STANDARD; DNA; UNC; 4933 BP
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MOLECULE TYPE: DNA (genomic)
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Best Local Similarity 97.6%;
Matches 40; Conservative
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IMMEDIATE SOURCE:
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Search completed: Wed Sep 2 01:54:39 1998 Job time : 134 secs.